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DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

TOSOHO" E2h82860

```
                9                  18                  27                  36                  45                  54
5'    C CCT GAG AGC GTC CCG CAG TGG CTG GAG CCC TGG GCG CTG CAA ACG TGT CCC

               63                  72                  81                  90                  99                 108
   GCC GGG TCC CCG AGC GTC CCG CGC CCT CGC CCC GCC ATG CTC CTG CTG CTG GGG
                                                      M   L   L   L   L   G

              117                 126                 135                 144                 153                 162
   CTG TGC CTG GGG CTG TCC CTG TGT GTG GGG TCG CAG GAA GAG GCG CAG AGC TGG
   L   C   L   G   L   S   L   C   V   G   S   Q   E   E   A   Q   S   W

              171                 180                 189                 198                 207                 216
   GGC CAC TCT TCG GAG CAG GAT GGA CTC AGG GTC CCG AGG CAA GTC AGA CTG TTG
   G   H   S   S   E   Q   D   G   L   R   V   P   R   Q   V   R   L   L

              225                 234                 243                 252                 261                 270
   CAG AGG CTG AAA ACC AAA CCT TTG ATG ACA GAA TTC TCA GTG AAG TCT ACC ATC
   Q   R   L   K   T   K   P   L   M   T   E   F   S   V   K   S   T   I

              279                 288                 297                 306                 315                 324
   ATT TCC CGT TAT GCC TTC ACT ACG GTT TCC TGC AGA ATG CTG AAC AGA GCT TCT
   I   S   R   Y   A   F   T   T   V   S   C   R   M   L   N   R   A   S

              333                 342                 351                 360                 369                 378
   GAA GAC CAG GAC ATT GAG TTC CAG ATG CAG ATT CCA GCT GCA GCT TTC ATC ACC
   E   D   Q   D   I   E   F   Q   M   Q   I   P   A   A   A   F   I   T
```

FIGURE 1A

TO50h0" E2h82860

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O.G. FIG.
CLASS SUBCLASS

```
          387                 396                 405                 414                 423                 432
AAC TTC ACT ATG CTT ATT GGA GAC AAG GTG TAT CAG GGC GAA ATT ACA GAG AGA
N   F   T   M   L   I   G   D   K   V   Y   Q   G   E   I   T   E   R

          441                 450                 459                 468                 477                 486
GAA AAG AAG AGT GGT GAT AGG GTA AAA GAG AAA AGG AAT AAA ACC ACA GAA GAA
E   K   K   S   G   D   R   V   K   E   K   R   N   K   T   T   E   E

          495                 504                 513                 522                 531                 540
AAT GGA GAG AAG GGG ACT GAA ATA TTC AGA GCT TCT GCA GTG ATT CCC AGC AAG
N   G   E   K   G   T   E   I   F   R   A   S   A   V   I   P   S   K

          549                 558                 567                 576                 585                 594
GAC AAA GCC GCC TTT TTC CTG AGT TAT GAG GAG CTT CTG CAG AGG CGC CTG GGC
D   K   A   A   F   F   L   S   Y   E   E   L   L   Q   R   R   L   G

          603                 612                 621                 630                 639                 648
AAG TAC GAG CAC AGC ATC AGC GTG CGG CCC CAG CAG CTG TCC GGG AGG CTG AGC
K   Y   E   H   S   I   S   V   R   P   Q   Q   L   S   G   R   L   S

          657                 666                 675                 684                 693                 702
GTG GAC GTG AAT ATC CTG GAG AGC GCG GGC ATC GCA TCC CTG GAG GTG CTG CCG
V   D   V   N   I   L   E   S   A   G   I   A   S   L   E   V   L   P

          711                 720                 729                 738                 747                 756
CTT CAC AAC AGC AGG CAG AGG GGC AGT GGG CGC GGG GAA GAT GAT TCT GGG CCT
L   H   N   S   R   Q   R   G   S   G   R   G   E   D   D   S   G   P
```

FIGURE 1B

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CLASS
SUBCLASS

TOSOhO" E2h82860

```
          765         774         783         792         801         810
CCC CCA TCT ACT GTC ATT AAC CAA AAT GAA ACA TTT GCC AAC ATA ATT TTT AAA
P   P   S   T   V   I   N   Q   N   E   T   F   A   N   I   I   F   K

          819         828         837         846         855         864
CCT ACT GTA GTA CAA CAA GCC AGG ATT GCC CAG AAT GGA ATT TTG GGA GAC TTT
P   T   V   V   Q   Q   A   R   I   A   Q   N   G   I   L   G   D   F

          873         882         891         900         909         918
ATC ATT AGA TAT GAC GTC AAT AGA GAA CAG AGC ATT GGG GAC ATC CAG GTT CTA
I   I   R   Y   D   V   N   R   E   Q   S   I   G   D   I   Q   V   L

          927         936         945         954         963         972
AAT GGC TAT TTT GTG CAC TAC TTT GCT CCT AAA GAC CTT CCT CCT TTA CCC AAG
N   G   Y   F   V   H   Y   F   A   P   K   D   L   P   P   L   P   K

          981         990         999         1008        1017        1026
AAT GTG GTA TTC GTG CTT GAC AGC AGT GCT TCT ATG GTG GGA ACC AAA CTC CGG
N   V   V   F   V   L   D   S   S   A   S   M   V   G   T   K   L   R

         1035        1044        1053        1062        1071        1080
CAG ACC AAG GAT GCC CTC TTC ACA ATT CTC CAT GAC CTC CGA CCC CAG GAC CGT
Q   T   K   D   A   L   F   T   I   L   H   D   L   R   P   Q   D   R

         1089        1098        1107        1116        1125        1134
TTC AGT ATC ATT GGA TTT TCC AAC CGG ATC AAA GTA TGG AAG GAC CAC TTG ATA
F   S   I   I   G   F   S   N   R   I   K   V   W   K   D   H   L   I
```

FIGURE 1C

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O.G. FIG.
CLASS SUBCLASS

TOSOHO" E2H82860

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        1143        1152        1161        1170        1179        1188
TCA GTC ACT CCA GAC AGC ATC AGG GAT GGG AAA GTG TAC ATT CAC CAT ATG TCA
S   V   T   P   D   S   I   R   D   G   K   V   Y   I   H   H   M   S

        1197        1206        1215        1224        1233        1242
CCC ACT GGA GGC ACA GAC ATC AAC GGG GCC CTG CAG AGG GCC ATC AGG CTC CTC
P   T   G   G   T   D   I   N   G   A   L   Q   R   A   I   R   L   L

        1251        1260        1269        1278        1287        1296
AAC AAG TAC GTG GCC CAC AGT GGC ATT GGA GAC CGG AGC GTG TCC CTC ATC GTC
N   K   Y   V   A   H   S   G   I   G   D   R   S   V   S   L   I   V

        1305        1314        1323        1332        1341        1350
TTC CTG ACG GAT GGG AAG CCC ACG GTC GGG GAG ACG CAC ACC CTC AAG ATC CTC
F   L   T   D   G   K   P   T   V   G   E   T   H   T   L   K   I   L

        1359        1368        1377        1386        1395        1404
AAC AAC ACC CGA GAG GCC GCC CGA GGC CAA GTC TGC ATC TTC ACC ATT GGC ATC
N   N   T   R   E   A   A   R   G   Q   V   C   I   F   T   I   G   I

        1413        1422        1431        1440        1449        1458
GGC AAC GAC GTG GAC TTC AGG CTG CTG GAG AAA CTG TCG CTG GAG AAC TGT GGC
G   N   D   V   D   F   R   L   L   E   K   L   S   L   E   N   C   G

        1467        1476        1485        1494        1503        1512
CTC ACA CGG CGC GTG CAC GAG GAG GAG GAC GCA GGC TCG CAG CTC ATC GGG TTC
L   T   R   R   V   H   E   E   E   D   A   G   S   Q   L   I   G   F
```

FIGURE 1D

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O.G. FIG.
CLASS
SUBCLASS

TOSOhO' E2h82860

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      1521        1530        1539        1548        1557        1566
TAC GAT GAA ATC AGG ACC CCG CTC CTC TCT GAC ATC CGC ATC GAT TAT CCC CCC
Y   D   E   I   R   T   P   L   L   S   D   I   R   I   D   Y   P   P

      1575        1584        1593        1602        1611        1620
AGC TCA GTG GTG CAG GCC ACC AAG ACC CTG TTC CCC AAC TAC TTC AAC GGC TCG
S   S   V   V   Q   A   T   K   T   L   F   P   N   Y   F   N   G   S

      1629        1638        1647        1656        1665        1674
GAG ATC ATC ATT GCG GGG AAG CTG GTG GAC AGG AAG CTG GAT CAC CTG CAC GTG
E   I   I   I   A   G   K   L   V   D   R   K   L   D   H   L   H   V

      1683        1692        1701        1710        1719        1728
GAG GTC ACC GCC AGC AAC AGT AAG AAA TTC ATC ATC CTG AAG ACA GAT GTG CCT
E   V   T   A   S   N   S   K   K   F   I   I   L   K   T   D   V   P

      1737        1746        1755        1764        1773        1782
GTG CGG CCT CAG AAG GCA GGG AAA GAT GTC ACA GGA AGC CCC AGG CCT GGA GGC
V   R   P   Q   K   A   G   K   D   V   T   G   S   P   R   P   G   G

      1791        1800        1809        1818        1827        1836
GAT GGA GAG GGG GAC ACC AAC CAC ATC GAG CGT CTC TGG AGC TAC CTC ACC ACA
D   G   E   G   D   T   N   H   I   E   R   L   W   S   Y   L   T   T

      1845        1854        1863        1872        1881        1890
AAG GAG CTG CTG AGC TCC TGG CTG CAA AGT GAC GAT GAA CCG GAG AAG GAG CGG
K   E   L   L   S   S   W   L   Q   S   D   D   E   P   E   K   E   R
```

FIGURE 1E

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O.G. FIG.
CLASS SUBCLASS

TOSOHO "E2h82860

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        1899          1908          1917          1926          1935          1944
CTG CGG CAG CGG GCC CAG GCC CTG GCT GTG AGC TAC CGC TTC CTC ACT CCC TTC
L   R   Q   R   A   Q   A   L   A   V   S   Y   R   F   L   T   P   F

        1953          1962          1971          1980          1989          1998
ACC TCC ATG AAG CTG AGG GGG CCG GTC CCA CGC ATG GAT GGC CTG GAG GAG GCC
T   S   M   K   L   R   G   P   V   P   R   M   D   G   L   E   E   A

        2007          2016          2025          2034          2043          2052
CAC GGC ATG TCG GCT GCC ATG GGA CCC GAA CCG GTG GTG CAG AGC GTG CGA GGA
H   G   M   S   A   A   M   G   P   E   P   V   V   Q   S   V   R   G

        2061          2070          2079          2088          2097          2106
GCT GGC ACG CAG CCA GGG CCT TTG CTC AAG AAG CCA TAC CAG CCA AGA ATT AAA
A   G   T   Q   P   G   P   L   L   K   K   P   Y   Q   P   R   I   K

        2115          2124          2133          2142          2151          2160
ATC TCT AAA ACA TCA GTG GAT GGT GAT CCC CAC TTT GTT GTG GAT TTC CCC CTG
I   S   K   T   S   V   D   G   D   P   H   F   V   V   D   F   P   L

        2169          2178          2187          2196          2205          2214
AGC AGA CTC ACC GTG TGC TTC AAC ATT GAT GGG CAG CCC GGG GAC ATC CTC AGG
S   R   L   T   V   C   F   N   I   D   G   Q   P   G   D   I   L   R

        2223          2232          2241          2250          2259          2268
CTG GTC TCT GAT CAC AGG GAC TCT GGT GTC ACA GTG AAC GGA GAG TTA ATT GGG
L   V   S   D   H   R   D   S   G   V   T   V   N   G   E   L   I   G
```

FIGURE 1F

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CLASS SUBCLASS

TOSOHO" E2hS2860

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        2277        2286        2295        2304        2313        2322
GCA CCC GCC CCT CCA AAT GGC CAC AAG AAA CAG CGC ACT TAC TTG CGC ACT ATC
A   P   A   P   P   N   G   H   K   K   Q   R   T   Y   L   R   T   I

        2331        2340        2349        2358        2367        2376
ACC ATC CTC ATC AAC AAG CCA GAG AGA TCT TAT CTC GAG ATC ACA CCG AGC AGA
T   I   L   I   N   K   P   E   R   S   Y   L   E   I   T   P   S   R

        2385        2394        2403        2412        2421        2430
GTC ATC TTG GAT GGT GGG GAC AGA CTG GTG CTC CCC TGC AAC CAG AGT GTG GTG
V   I   L   D   G   G   D   R   L   V   L   P   C   N   Q   S   V   V

        2439        2448        2457        2466        2475        2484
GTG GGG AGC TGG GGG CTG GAG GTG TCC GTG TCT GCC AAC GCC AAT GTC ACC GTC
V   G   S   W   G   L   E   V   S   V   S   A   N   A   N   V   T   V

        2493        2502        2511        2520        2529        2538
ACC ATC CAG GGC TCC ATA GCC TTT GTC ATC CTC ATC CAC CTC TAC AAA AAG CCG
T   I   Q   G   S   I   A   F   V   I   L   I   H   L   Y   K   K   P

        2547        2556        2565        2574        2583        2592
GCG CCC TTC CAG CGA CAC CAC CTG GGT TTC TAC ATT GCC AAC AGC GAG GGC CTT
A   P   F   Q   R   H   H   L   G   F   Y   I   A   N   S   E   G   L

        2601        2610        2619        2628        2637        2646
TCC AGC AAC TGC CAC GGA CTG CTG GGT CAG TTC CTG AAT CAG GAT GCC AGA CTC
S   S   N   C   H   G   L   L   G   Q   F   L   N   Q   D   A   R   L
```

FIGURE 1G

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O.G. FIG.
CLASS
SUBCLASS

TOSHO E2H82860

```
      2655        2664        2673        2682        2691        2700
ACA GAA GAC CCT GCA GGG CCC AGC CAG AAC CTC ACT CAC CCT CTG CTC CTT CAG
T   E   D   P   A   G   P   S   Q   N   L   T   H   P   L   L   L   Q

      2709        2718        2727        2736        2745        2754
GTG GGA GAG GGG CCT GAG GCC GTC CTA ACA GTG AAA GGC CAC CAA GTC CCA GTG
V   G   E   G   P   E   A   V   L   T   V   K   G   H   Q   V   P   V

      2763        2772        2781        2790        2799        2808
GTC TGG AAG CAA AGG AAG ATT TAC AAC GGG GAA GAG CAG ATA GAC TGC TGG TTT
V   W   K   Q   R   K   I   Y   N   G   E   E   Q   I   D   C   W   F

      2817        2826        2835        2844        2853        2862
GCC AGG AAC AAT GCC GCC AAA CTG ATT GAC GGG GAG TAC AAG GAT TAC CTG GCA
A   R   N   N   A   A   K   L   I   D   G   E   Y   K   D   Y   L   A

      2871        2880        2889        2898        2907        2916
TCC CAT CCA TTT GAC ACA GGG ATG ACA CTT GGC CGG GGA ATG TCC AGG GAG CTC
S   H   P   F   D   T   G   M   T   L   G   R   G   M   S   R   E   L

      2925        2934        2943        2952        2961        2970
TGA AGC TGG CAG CCT TAA AGA TGC AAG TGC ATG AAG GAC AGT GAT GTG GGG AGG

      2979        2988        2997        3006        3015        3024
CCG TGG GGC AGC TCT TTT CAT GGC TTG TAC ACG CCT CAG CTC CTG GCA ATT AGC
```

FIGURE 1H

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CLASS SUBCLASS

TOSOhO" E2h82860

```
      3033        3042        3051        3060        3069        3078
TGG ACT CCA TGA CCC ACC CCT GGT GCA GCA TAG ATC CGA CGT CTG TCT GGG CGA

      3087        3096        3105        3114        3123        3132
AGG GTA GGG GTG GGT AGG GGC GGG AAG CCT GAG TGC AAA TGT CAT TTC CCT CTA

      3141        3150        3159        3168        3177        3186
CTG CCT CTT CCT GCC TCT CCC CAC CCT GCC CAC ATC CAC AGA GGG GAG AGA AGG

      3195        3204        3213        3222        3231        3240
GTC ATA GCT AAA TGC AAC AAA GTC TGT ATC TTG TCC CAA CCT GCT TTT CTG TTC

      3249        3258        3267        3276        3285        3294
TGT TAG CAT ATC ATA AGG TAA GCC TTT CTG GTG AAG GAA GGT TGC TAT GAA ACT

      3303        3312        3321        3330        3339        3348
TTT TTT CTT GGT GGA AAT GGC CAA GTT TAG GCA CTC TGC TTT TTG CCT TAC ACT

      3357        3366        3375        3384        3393        3402
AAT GCT TAG AAA GCT GTC TTT TCA GTG GTG TTG CAG CCC CCA GAT GTG TGG CCA

      3411        3420        3429        3438        3447        3456
ACC TCT GCT GCA AAG GAA TCT CTT GCT GAG TCC AGG CCA CCA ATC AGG CAA ATA

      3465        3474        3483        3492        3501        3510
GCC CAT ACA TTT GAT CGT TGT AAA CCA TGA AGT CTT TTC TTG CAA GAC GTT TTT
```

FIGURE 1I

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CLASS SUBCLASS

TOSOHO"E2HB2860

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        3519          3528          3537          3546          3555          3564
CTT CTG CTG TGG TAT CTT GCC CTT AAA AAT TAG TTT TCA TTA AAA AGA AAT TTG

        3573          3582          3591          3600          3609          3618
ATT GAA AAT TAA AAA AAA ATA AAA AAA AAA GAA AAA AAA AAA GAA AGA AAA AAT

        3627          3636
AAA AAA AAA AAA AAA AAA AA 3'
```

FIGURE 1J

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CLASS SUBCLASS

TOSOHO" E2H82860

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1    MLLLLG------LCLGLSLCVGSQEEAQSWG  688183
1    MKRLTC---FFICFFLSEVSGFEIPINGLS  GI 33985
1    MDGAMGPRGLLLCMYLVSL-LILQAMPALG  GI 33989
1    M----------------VALSHL-GSALQLGSLC  GI 288563

26   HSSEQDGL---------RVPRQVRLLQRL--  688183
28   EFVDYEDLVELAPGKFQLVAENRRYQRSLP  GI 33985
30   ----------SATGRSKSSE------KRQAV  GI 33989
18   ----------FPRSPFRLLG------KRSLP  GI 288563

46   -KTKPLMTE---------FSVKSTIISRYAF  688183
58   GESEEMMEEVDQVTLYSYKVQSTITSRMAT  GI 33985
45   DTA-------VDGVFIRSLKVNCKVTSRFAH  GI 33989
33   EGV-------ANGIEVYSTKINSKVTSRFAH  GI 288563

67   TTVSCRMLNRASEDQDIEFQMQIPAAAFIT  688183
88   TMIQSKVVNNSPQPQNVVFDVQIPKGAFIS  GI 33985
69   YVVTSQVVNTANEAREVAFDLEIPKTAFIS  GI 33989
57   NVVTMRAVNRADTAKEVSFDVELPKTAFIT  GI 288563

97   NFTMLIGDKVYQGEITEREKKSGDRVKEKR  688183
118  NFSMTVDGKTFRSSIKEKTVGRALYAQARA  GI 33985
99   DFAVTADGNAFIGDIKDKVTAWKQYRKAAI  GI 33989
87   NFTLTIDGVTYPGNVKEKEVAKKQYEKAVS  GI 288563
```

FIGURE 2A

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CLASS SUBCLASS

TOSOH E2H82860

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127 N K T T E E - - - N G E K G T E I F R A S A V I P S K D K A  688183
148  K G K T A G L V R S S A L D M E N F R T E V N V L P G A K V  GI 33985
129  S G E N A G L V R A S G R T M E Q F T I H L T V N P Q S K V  GI 33989
117  Q G K T A G L V K A S G R K L E K F T V S V N V A A G S K V  GI 288563

154 A F F L S Y E E L L Q R R L G K Y E H S I S V R P Q Q L S G  688183
178  Q F E L H Y Q E V K W R K L G S Y E H R I Y L Q P G R L A K  GI 33985
159  T F Q L T Y E E V L K R N H M Q Y E I V I K V K P K Q L V H  GI 33989
147  T F E L T Y E E L L K R H K G K Y E M Y L K V Q P K Q L V K  GI 288563

184 R L S V D V N I L E S A G I A S L E V L P L H N S R Q R G S  688183
208  H L E V D V W V I E P Q G L R F L H V - - - - - - - - - P D T  GI 33985
189  H F E I D V D I F E P Q G I S K L D A - - - - - - - - - Q A S  GI 33989
177  H F E I E V D I F E P Q G I S M L D A - - - - - - - - - E A S  GI 288563

214 G R G E D D S G P P P S T V I N Q N E T F A N I I F K P T V  688183
230  F E G H F D G V P V I S K G - - Q Q K - - A H V S F K P T V  GI 33985
211  F L P K E L A A Q T I K K S F S G K K - - G H V L F R P T V  GI 33989
199  F I T N D L L G S A L T K S F S G K K - - G H V S F K P S L  GI 288563

244 V Q Q - - - A R I A Q N G I L G D F I I R Y D V N R E Q S I  688183
256  A Q Q R I C P S C R E T A V D G E L V V L Y D V K R E E K A  GI 33985
239  S Q Q Q S C P T C S T S L L N G H F K V T Y D V T R D E - I  GI 33989
227  D Q Q R S C P T C T D S L L N G D F T I T Y D V N R E S - P  GI 288563
```

FIGURE 2B

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TOSOHO"E2H82860

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271 G D I Q V L N G Y F V H Y F A P K D L P P L P K N V V F V L  688183
286 G E L E V F N G Y F V H F F A P D N L D P I P K N I L F V I  GI 33985
268 C D L L V A N N H F A H F F A P Q N L T N M N K N V V F V I  GI 33989
256 G N V Q I V N G Y F V H F F A P Q G L P V V P K N V A F V I  GI 288563

301 D S S A S M V G T K L R Q T K D A L F T I L H D L R P Q D R  688183
316 D V S G S M W G V K M K Q T V E A M K T I L D D L R A E D H  GI 33985
298 D I S G S M R G Q K V K Q T K E A L L K I L G D M Q P G D Y  GI 33989
286 D I S G S M A G R K L E Q T K E A L L R I L E D M K E E D Y  GI 288563

331 F S I I G F S N R I K V W K D H L I S V T P D S I R D G K V  688183
346 F S V I D F N Q N I R T W R N D L F Q L Q K H R L Q I A K R  GI 33985
328 F D L V L F G T R V Q S W K G S L V Q A S E A N L Q A A Q D  GI 33989
316 L N F I L F S G D V S T W K E H L V Q A T P E N L Q E A R T  GI 288563

361 Y I H H M S P T G G T D I N G A L Q R A I R L L N K Y V A H  688183
376 Y I E K I Q P S G G T N I N E A L L R A I F I L N E A N N L  GI 33985
358 F V R G F S L D E A T N L N G G L L R G I E I L N Q V Q E S  GI 33989
346 F V K S M E D K G M T N I N D G L L R G I S M L N K A R E E  GI 288563

391 S G I G D R S V S L I V F L T D G K P T V G E T H T L K I L  688183
406 G L L D P N S V S L I I L V S D G D P T V G E L K L S K I Q  GI 33985
388 L P E L S N H A S I L I M L T D G D P T E G V T D R S Q I L  GI 33989
376 H R I P E R S T S I V I M L T D G D A N V G E S R P E K I Q  GI 288563
```

FIGURE 2C

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CLASS SUBCLASS

TOSOhO" E2h82860

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421 N N T R E A A R G Q V C I F T I G I G N D V D F R L L E K L  688183
436  K N V K E N I Q D N I S L F S L G M G F D V D Y D F L K R L  GI 33985
418  K N V R N A I R G R F P L Y N L G F G H N V D F N F L E V M  GI 33989
406  E N V R N A I G G K F P L Y N L G F G N N L N Y N F L E N M  GI 288563

451 S L E N C G L T R R V H E E E D A G S Q L I G F Y D E I R T  688183
466  S N E N H G I A Q R I Y G N Q D T S S Q L K K F Y N Q V S T  GI 33985
448  S M E N N G R A Q R I Y E D H D A T Q Q L Q G F Y S Q V A K  GI 33989
436  A L E N H G F A R R I Y E D S D A D L Q L Q G F Y E E V A N  GI 288563

481 P L L S D I R I D Y P P S S V V Q A T K T L F P N Y F N G S  688183
496  P L L R N V Q F N Y P H T S V T D V T Q N N F H N Y F G G S  GI 33985
478  P L L V D V D L Q Y P Q D A V L A L T Q N H H K Q Y Y E G S  GI 33989
466  P L L T G V E M E Y P E N A I L D L T Q N T Y Q H F Y D G S  GI 288563

511 E I I I A G K L V D R K L D H L H V E V T A S N S K K F I I  688183
526  E I V V A G K F D P A K L D Q I E S V I T A T S A N T Q L V  GI 33985
508  E I V V A G R I A D N K Q S S F K A D V Q A H G E G Q E F S  GI 33989
496  E I V V A G R L V D E D M N S F K A D V K G H G A T N D L T  GI 288563

541 L K T D V P V R P Q K A G K D V T G S P R P G G D G E G D T  688183
556  L E T L A Q M - - - - - - D D L Q D F L S K D K H A D P D -  GI 33985
538  I T C L V D E - - - - - - E E M K K L L R E R G H M L E N -  GI 33989
526  F T E E V D M - - - - - - K E M E K A L Q E R D Y I F G N -  GI 288563
```

FIGURE 2D

APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

TOSOHO' E2H82860

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571 NHIERLWSYLTTKELLSSWLQSDDEPEKER  688183
579 -FTRKLWAYLTINQLLAERSLAPTAAAKRR  GI 33985
561 -HVERLWAYLTIQELLAKR-MKVDREVRAN  GI 33989
549 -YIERLWAYLTIEQLLEKR-KNAHGEEKEN  GI 288563

601 LRQRAQALAVSYRFLTPFTSMKLRGPVPRM  688183
608 ITRSILQMSLDHHIVTPLTSLVIEN--EAG  GI 33985
589 LSSQALRMSLDYGFVTPLTSMSIRGMADQD  GI 33989
577 LTARALDLSLKYHFVTPLTSMVVTKPEDNE  GI 288563

631 DG--LEEAHGMSAA----------MGPEP  688183
636 DERMLADAPPQDPSCCSGALYYGSKVVPDS  GI 33985
619 GLKPTIDKPSEDSP----PL---EMLGPRR  GI 33989
607 DERAIADKPGEDAE----A----TPVSPAM  GI 288563

648 VVQSVRGAGTQPGPLLKKPYQPRIKISKTS  688183
666 TPSWANPSPTPVISMLAQGSQVLESTPPPH  GI 33985
642 TFVLSALQPSPTHS--SSNTQRL----PDR  GI 33989
629 SY-LTSYQPPQ----------------NP  GI 288563

678 ---VDGDPHFVVDFPLSRLTVCFNIDGQPG  688183
696 VMRVENDPHFIIYLPKSQKNICFNIDSEPG  GI 33985
666 VTGVDTDPHFIIHVPQKEDTLCFNINEEPG  GI 33989
641 YYYVDGDPHFIIQIPEKDDALCFNIDEAPG  GI 288563
```

FIGURE 2E

APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS


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705 D I L R L V S D H R D S G V T V N G E L I G A P A P P N G H  688183
726 K I L N L V S D P - E S G I V V N G Q L V G A K K - - P N N  GI 33985
696 V I L S L V Q D P - N T G F S V N G Q L I G N K A R S P G Q  GI 33989
671 T V L R L I Q D A - V T G L T V N G Q I T G D K R G S P D S  GI 288563

735 K K Q R T Y L R T I T I L I N K P E R S Y L E I T P S R V I  688183
753 G K L S T Y F G K L G F Y F Q S E D I K - I E I S T E T I T  GI 33985
725 H D - G T Y F G R L G I A N P A T D F Q - L E V T P Q N I T  GI 33989
700 K T R K T Y F G K L G I R N A Q M D F Q - V E V T T E K I T  GI 288563

765 L D G G D R - L V L P C N Q S V V V G S W G L E V S V S A N  688183
782 L S H G S S T F S L S W S D T A Q V T N Q R V Q I S V K K E  GI 33985
753 L N P G F G G P V F S W R D Q A V L R Q D G V V V T I N K K  GI 33989
729 C G T G - R A S T F S W L D T V T V T Q D G L S M M I N R K  GI 288563

794 A N V T V T I Q G S I A F V I L I H L Y K K P A P F Q R H H  688183
812 K V V T I T L D K E M S F S V L L H R V W K K H P V N V D F  GI 33985
783 R N L V V S V D D G G T F E V V L H R V W K G S S V H Q D F  GI 33989
758 - N M V V S F G D G V T F V V V L H Q V W K K H P V H R D F  GI 288563

824 L G F Y I A N S E G L S S N C H G L L G Q F L N Q - D A R L  688183
842 L G I Y I P P T N K F S P K A H G L I G Q F M Q E P K I H I  GI 33985
813 L G F Y V L D S H R M S A R T H G L L G Q F F H P I G F E V  GI 33989
787 L G F Y V V D S H R M S A Q T H G L L G Q F F Q P F D F K V  GI 288563
```

FIGURE 2F

APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

TOSOHO" E2H82860

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853 T E D P A G P S Q N L T H P L L L Q V G E G P E A V L T V K  688183
872 F N E R P G K D P - - - - - - - - - - - - E K P E A S M E V K  GI 33985
843 S D I H P G S D P - - - - - - - - - - - - T K P D A T M V V R  GI 33989
817 S D I R P G S D P - - - - - - - - - - - - T K P D A T L V V K  GI 288563

883 G H Q V P V V W K Q R K I Y N G E - - - - E Q I D C W F A R  688183
891 G Q K L I I T R G L Q K D Y R T D L V F G T D V T C W F V H  GI 33985
862 N R R L T V T R G L Q K D Y S K D P W H G A E V S C W F I H  GI 33989
836 N H Q L I V T R G S Q K D Y R K D A S I G T K V V C W F V H  GI 288563

909 N N A A K L I D G E Y K D Y L A S H P F D T G M T L G R G M  688183
921 N S G K G F I D G H Y K D Y F V P Q L Y - - - - - - - - - S F  GI 33985
892 N N G A G L I D G A Y T D Y I V P D I F                      GI 33989
866 N N G E G L I D G V H T D Y I V P N L F                      GI 288563

939 S R E L                                                     688183
943 L K R P                                                     GI 33985
911                                                             GI 33989
885                                                             GI 288563
```

FIGURE 2G

TOSHO E2H62860

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DRAFTSMAN
CLASS/SUBCLASS

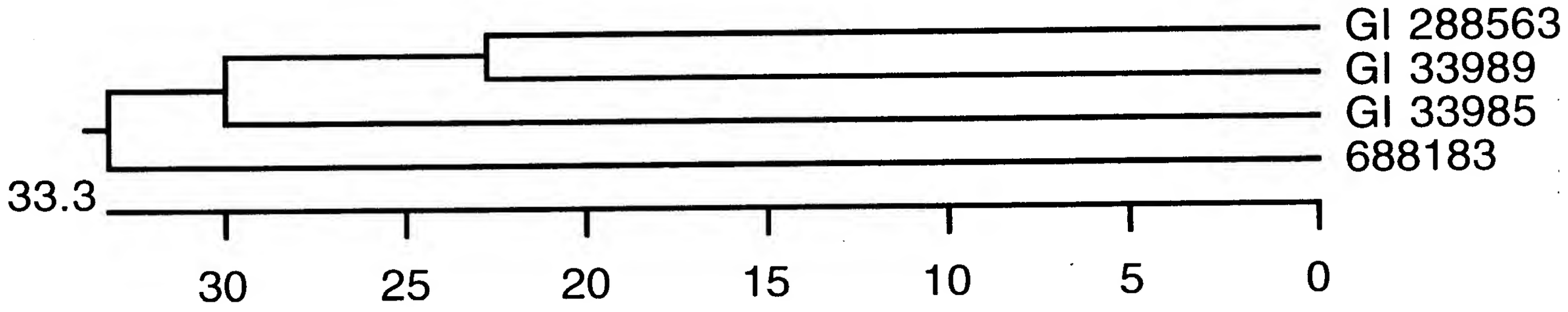

FIGURE 3